



Appln. No.: 10/748,664
Amendment under 37 C.F.R. § 1.111

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A colored composition for producing a black matrix, the colored composition containing metal microparticles,

wherein the metal microparticles are silver microparticles having an average particle diameter of 60 to 250 nm, and

when a light-shielding layer is formed using the colored composition, the optical density per μm of thickness of the light-shielding layer is not less than 1.
2. (canceled).
3. (canceled).
4. (original): A colored composition for producing a black matrix according to claim 1, wherein the composition is photosensitive.
5. (original): A photosensitive transfer material for producing a black matrix, comprising a support and a photosensitive light-shielding layer,

wherein the photosensitive light-shielding layer is made of said colored composition for producing a black matrix according to claim 4.

6. (original): A black matrix comprising a light-shielding layer, the light-shielding layer being made of said colored composition for producing a black matrix according to claim 1.

7. (original): A black matrix comprising a light-shielding layer, the light-shielding layer being made of said photosensitive transfer material for producing a black matrix according to claim 5.

8. (original): A color filter comprising two or more groups of pixels on a light-transmitting substrate, the groups of pixels comprising colored layers and having different colors from each other, the pixels being separated from each other by a black matrix,
wherein the black matrix is said black matrix according to claim 6.

9. (original): A color filter comprising two or more groups of pixels on a light-transmitting substrate, the groups of pixels comprising colored layers and having different colors from each other, the pixels being separated from each other by a black matrix,
wherein the black matrix is said black matrix according to claim 7.

10. (original): A liquid crystal display comprising a color filter, a liquid crystal layer, and a liquid crystal driving means between a pair of substrates, at least one of the substrates having a light-transmitting property,

wherein the color filter is said color filter according to claim 8.

11. (original): A liquid crystal display comprising a color filter, a liquid crystal layer, and a liquid crystal driving means between a pair of substrates, at least one of the substrates having a light-transmitting property,

wherein the color filter is said color filter according to claim 9.

12. (original): A liquid crystal display comprising a color filter, a liquid crystal layer, and a liquid crystal driving means between a pair of substrates, at least one of the substrates having a light-transmitting property,

wherein the liquid crystal driving means has active elements, and said black matrix according to claim 6 is formed between the active elements.

13. (original): A liquid crystal display comprising a color filter, a liquid crystal layer, and a liquid crystal driving means between a pair of substrates, at least one of the substrates having a light-transmitting property,

wherein the liquid crystal driving means has active elements, and said black matrix according to claim 7 is formed between the active elements.

14. (currently amended): A method for producing a black matrix, comprising:

preparing a colored composition using metal microparticles having an average particle diameter of 60 to 250 nm;

forming, on a light-transmitting substrate, a layer made of said colored composition ~~for producing a black matrix according to claim 4;~~

exposing the layer through a photomask for the black matrix; and

developing the layer wherein an optical density per μm of thickness of the developed layer is not less than 1.

15. (currently amended): A method for producing a black matrix~~[[,]]~~ according to claim 14,
wherein forming the layer made of the colored composition comprising comprises:

~~laminating said~~ a photosensitive transfer material for producing a black matrix ~~according to claim 5,~~ which comprises a support and a photosensitive light-shielding layer, on a light-transmitting substrate such that the photosensitive light-shielding layer contacts the light-transmitting substrate~~[[;]]~~, wherein the photosensitive light-shielding layer is made of the colored composition; and

removing the support from the laminate comprising the photosensitive transfer material and the light-transmitting substrate~~[[;]]~~

~~exposing the photosensitive light-shielding layer through a photomask for the black matrix; and~~

~~developing the photosensitive light-shielding layer.~~

16. (original): A black matrix substrate comprising a light-transmitting substrate and a light-shielding layer provided on the light-transmitting substrate,

wherein the light-shielding layer is a layer in which silver microparticles having an average particle diameter of 60 to 250 nm are dispersed.

17. (new): A colored composition for producing a black matrix according to claim 1, wherein the content of the metal microparticles in the light-shielding layer is 10 to 90% by mass.

18. (new): A method for producing a black matrix according to claim 14, wherein the content of the metal microparticles in the black matrix is 10 to 90% by mass.